

# **EXHIBIT 1**

## Contact

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# Hui Jin

Founder and President at MathCup Academy Inc  
New York

## Experience

### MathCup Academy Inc

Founder and President

August 2017 - Present (3 years 8 months)

Greater New York City Area

MathCup Academy is a non-profit organization dedicated to providing an engaging math enrichment platform for all K-12 students. Website [MathCup.com](https://MathCup.com).

### JinYi Capital Management

Co-Founder

April 2014 - Present (7 years)

Quantitative investment management.

### Caltech

Inventor

June 2016 - November 2020 (4 years 6 months)

Co-Inventor of Irregular Repeat Accumulate (IRA) codes, with Dr. McEliece and Dr. Khandekar; the inventors filed and obtained four patents covering the innovation in 2000s. Because of its great performance, power efficiency and lower complexity, IRA-LPDC code later became an essential component in WiFi communication system (802.11n and after) as well as in DVB-S2 satellite communication system. In 2016, Caltech sued Apple and Broadcom for infringing Caltech's IRA patents. Worked closely with Caltech and law firm Quinn Emanuel on the case. This resulted in a \$1.1 Billion jury verdict in January 2020.

<https://aseanhr.org/technology/apple-and-broadcom-vs-caltechs-wi-fi-chip-patents/>

### Goldman Sachs

8 years

Vice President

2010 - April 2014 (4 years)

Quantitative and Algorithmic Trading Group, Securities Division.

Quantitative trading on interest rate products.

Vice President

2006 - 2010 (4 years)

Strategist, FICC, Security Division.

Pricing and risk management on interest rate volatility desk. Mainly focused on vanilla options, bermuda swap/swaptions, and correlation products. Developed a spread option correlation model that has great dynamics.

Qualcomm

Senior Technical Staff

2001 - 2006 (5 years)

Over 20 issued and pending patents.

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## Education

California Institute of Technology

PhD, Electrical Engineering · (1998 - 2001)

Caltech

BS, Electrical Engineering · (1995 - 1998)

Shanghai Jiao Tong University

not finished, Electrical Engineering · (1993 - 1995)

Shanghai High School

· (1990 - 1992)